Special Issue

Research on Natural Antimicrobial and Antibiofilm Agents

Message from the Guest Editor

Antibiotic tolerance provided by the biofilm phenotype can be overcome by natural compounds that prevent bacteria from forming and maintaining biofilms and have the potential to work in combination with traditional antibiotics to treat bacterial infections. The most promising candidates are natural compounds with low toxicity and high bioavailability, typically sourced from a variety of natural sources, such as plants, bacteria, algae, and fungi. Biology, pharmacology, microbiology, chemistry, nutraceuticals, and other fields of study are all included in the multidisciplinary research of natural products, which can help to better understand the function of natural antimicrobial products. In order to highlight the most recent and pertinent advancements in natural product research, this Special Issue focuses on the antimicrobial and antibiofilm activity of natural products. We are glad to extend an invitation to authors to submit original research articles or reviews on multidisciplinary approaches to advancing the development of novel and natural antimicrobial, and antibiofilm strategies.

Guest Editor

Dr. Maria José Alves

1. AquaValor—Centro de Valorização e Transferência de Tecnologia da Água, Rua Dr. Júlio Martins, nº1, 5400-342 Chaves, Portugal
2. Centro de Investigação de Montanha (CIMO), Instituto Politécnico de Bragança, 5300-271 Bragança, Portugal

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Microorganisms
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
microorganisms@mdpi.com

mdpi.com/journal/microorganisms

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About the Journal

Message from the Editor-in-Chief

"Microorganism" merges the idea of the very small with the idea of the evolving reproducing organism is a unifying principle for the discipline of microbiology. Our journal recognizes the broadly diverse yet connected nature of microorganisms and provides an advanced publishing forum for original articles from scientists involved in high-quality basic and applied research on any prokaryotic or eukaryotic microorganism, and for research on the ecology, genomics and evolution of microbial communities as well as that exploring cultured microorganisms in the laboratory.

Editor-in-Chief

Dr. Nico Jehmlich
Department of Molecular Toxicology, UFZ-Helmholtz Centre for Environmental Research, 04318 Leipzig, Germany

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